

Roadway Cost for a Sub-Urban Section

Improvement Description	Units	Cost per Unit	3-LANE SUB URBAN SECTION Per Mile Cost	5-LANE SUB URBAN SECTION Per Mile Cost	CONVERT FROM 3 TO 5 LANE Per Mile Cost
Concrete Pavement (12 ft. lanes) + LEFT TURN LANES	Sq. Ft.	\$5.00	\$1,214,400.00	\$2,006,400.00	\$950,400.00
Sidewalk on one side (4" thick by 5'-0")	Sq. Ft.	\$4.00	\$105,600.00	\$105,600.00	
Bike Trail one side	Sq. Ft.	\$5.25	\$277,200.00	\$277,200.00	
Landscaping	per mile	\$50,000.00	\$50,000.00	\$50,000.00	
Trail Ped/Bike Signal	each	\$50,000.00	\$50,000.00	\$50,000.00	
Traffic Signal (1/4 +1 +1 +1 + 1/4)	each	\$125,000.00	\$437,500.00	\$437,500.00	
Street Lighting	each	\$3,000.00		\$84,000.00	\$84,000.00
Storm Sewer 3 lane cost at \$186,000; 5 Lane at \$250,000 avg.	Lump sum	\$250,000.00	\$250,000.00	\$250,000.00	\$64,000.00
Water - Line Adjustments (\$3,000 per mile)	Lump sum	\$3,000.00	\$3,000.00	\$3,000.00	
Water - Hydrants	Lump sum	\$55,620.00	\$55,620.00	\$55,620.00	
Waste Water (resetting of man holes & Service)	Lump sum	\$2,500.00	\$2,500.00	\$2,500.00	
Box Culvert	each	\$75,000.00	\$75,000.00	\$75,000.00	
Retaining Wall	Sq. Ft.	\$17.65	\$176,500.00	\$176,500.00	
			\$2,697,320.00	\$3,573,320.00	\$1,098,400.00

Potential Additional costs assoc. to Project

Trail Grade Separation	each	\$375,000.00	\$375,000.00	
Bridge (300', 4-lanes)	each	\$1,500,000.00	\$1,500,000.00	
L.E.S.	Lin. ft.	\$75.00	\$396,000.00	
Right - of - Way Acquisition (10' width acquisition increments)	per mile	\$26,400.00	\$26,400.00	
Wetlands-Flood plain-Native Praire-Endangered species-Cul. Res.	per mi. var.	\$153,122.00	\$153,122.00	
			\$2,450,522.00	